

Hill, Morrisiana, New Utrecht, Philips Manor, Red Hook, Sandy Hook, Staaten Island, Mr. Stuyvesant's Lands, Turtle Bay, Valentine's Hill, West Chester, Wolferts Hollow, Yellow Hook, and York Island.

When the truce was signed in 1783 he was discharged from the army and travelled through Pennsylvania, Maryland and the Carolinas. After a two month's rest in Charleston, he continued his travels to St. Johns and St. Augustine in East Carolina and thence to the Bahamas, studying the plants and animals of these regions.

In the fall of 1784 he returned to Europe in a small ship. In Bayreuth he secured an appointment as court and military surgeon. In 1787 he published his only botanical work, the *Materia Medica Americana*. The following year he published in two volumes a description of his travels; there were included many references to the climate, geology, plants and animals and to social and political conditions in the North American Republic. In succeeding years he published several small monographs on zoological topics, the most important being the Natural History of the Turtles.

It is to be regretted that the *Index Plantarum* was never finished. Numerous notes in ink and pencil on the manuscript show that Schöppf worked over it during later years, probably intending to publish it.

MUNICH, BAVARIA.

BOOK REVIEW

LUMBER AND ITS USES*

The book describes briefly the structure of woods, illustrating the main types with photographs of microscopic sections. The physical properties of woods are given, with tables of the specific gravities, strength, elasticity, hardness, etc., of the important woods. Other chapters are devoted to lumber grades, standards of size, structural timbers, shipping, seasoning, and preserving woods. The chapter on paints and wood finishes are complete enough to enable the home builder to know what should be speci-

* Lumber and Its Uses, R. S. Kellogg, Revised by Franklin H. Smith, pp. 1-370, fig. 98, U. P. C. Book Co., New York, 1924. Price \$4.00.

fied in contracts for work and to give the fundamentals of the work, but is scarcely full enough to be used as a guide by the amateur wood finisher. In the chapter on the uses of lumber, fifty-one uses, each taking over a million board feet per year are described. For each of these a table showing the percentages of the different woods used is given. For example, of the 56 million feet used in making boot and shoe findings—lasts, trees, pegs and wooden heels—maple furnishes 82%, birch, basswood and beech 17% and other woods 1%. In another chapter forty-six commercial woods are listed with the characteristics of each and the common uses. In this list the names are usually generic with the differences between species briefly given, so that the number of commercial woods is actually many more than appears at first. The botanist will find the chapters on the characters of wood, the commercial woods and the forest regions of interest, scout leaders will also find much of interest, but the real use of the book will be to those who use wood in construction, building or some form of manufacturing. The general appearance of the book, the paper used and the printing is all good. The many tables make it of value for reference. A key for the determination of the commoner commercial woods would have added to its value.

G. T. HASTINGS.

PROCEEDINGS OF THE CLUB

MEETING OF JANUARY 30, 1924

The meeting was held at The New York Botanical Garden. Dr. R. H. Cheney of New York was elected to membership. The resignation of Mrs. J. S. Ehrich was accepted.

Dr. Barnhart reported for the auditing committee that the treasurer's books had been examined and approved.

The program of the afternoon consisted of two interesting talks by Dr. J. K. Small and Dr. R. R. Stewart.

Dr. Small outlined a recent (December, 1923) excursion of exploration in Florida. About four thousand miles were covered in northern Florida and the peninsula. The itinerary extended from Jacksonville to the mouth of the Appalachicola River, then through the peninsula by several crossings to Cape Sable. Specimens and photographs were shown to illustrate (a) recently